

Title (en)
AIR FILTER FOR COMPRESSED AIR

Title (de)
LUFTFILTER FÜR DRUCKLUFT

Title (fr)
FILTRE À AIR D'AIR COMPRIMÉ

Publication
EP 3970832 A1 20220323 (EN)

Application
EP 21170877 A 20210428

Priority
US 202017025443 A 20200918

Abstract (en)
A filter for compressed air systems is provided. The filter (10) includes a filter housing (16) with a filter element (26) therein between an air inlet (12) and an air outlet (14). Compressed air flowing between the air inlet (12) and the air outlet (14) passes through the filter housing (16) and the filter element (26). A base (18) is removably fastened to the filter housing which may be separated from the filter housing to allow the filter element to be removed and replaced.

IPC 8 full level
B01D 46/00 (2022.01); **B01D 46/24** (2006.01); **B01D 46/44** (2006.01)

CPC (source: CN EP US)
B01D 46/0004 (2013.01 - US); **B01D 46/0005** (2013.01 - CN); **B01D 46/2403** (2013.01 - US); **B01D 46/2411** (2013.01 - EP); **B01D 46/4272** (2013.01 - US); **B01D 46/446** (2013.01 - EP); **B01D 46/58** (2022.01 - EP); **B01D 46/60** (2022.01 - US); **B01D 53/26** (2013.01 - CN); **B01D 2201/301** (2013.01 - EP); **B01D 2265/028** (2013.01 - US); **B01D 2265/029** (2013.01 - US); **B01D 2273/10** (2013.01 - US)

Citation (search report)

- [X] US 2017014745 A1 20170119 - ZUERKER MARKUS [DE], et al
- [A] US 2015014256 A1 20150115 - KOREIS JOSEPH A [US], et al
- [A] US 2018236388 A1 20180823 - HARRIS JAMES D [US], et al
- [A] CN 107670430 A 20180209 - JIANGSU REJIN FILTER EQUIPMENT CO LTD

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3970832 A1 20220323; CN 114210149 A 20220322; US 11673085 B2 20230613; US 2022088520 A1 20220324;
US 2023264127 A1 20230824

DOCDB simple family (application)
EP 21170877 A 20210428; CN 202111091367 A 20210917; US 202017025443 A 20200918; US 202318310328 A 20230501